

**WHAT IS CLAIMED IS:**

1. A method of managing the use of keys in a cryptographic co-processor,  
which comprises the steps of:

selecting a key from one of a symmetrical key type and an  
asymmetrical key type;

selecting a bit length from the selected key;

generating the key; and

representing the key in one of an external form and an internal form.

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098976555:070204  
T02020:99926860